

REGULAR MAINTENANCE INSPECTION — Every 12,500 Miles

All 1979 Models (With additional work at 37,500)



Mercedes-Benz
service

Customer: _____

Address: _____

City & State: _____

Zip Code or Province: _____

Work Order No.: _____

License No.: _____

Mileage: _____

Time Promised: _____

Maintenance Work to be Performed:

- ☐ MB Maintenance Service with oil change and oil filter service.
Oil: Brand-Viscosity _____
- ☐ Additional Maintenance Work with Regular Maintenance Inspection at every 37,500 miles.
- ☐ Radiator Coolant: _____ °F
Check level and antifreeze mixture. Replace mixture every 3 years.
- ☐ Replace brake fluid. (once a year, preferably in Spring). Use only specified brake fluid.

M-B Individual Maintenance Jobs Performed as Needed:

- ☐ Section I: Lubrication Service
Engine oil change with oil filter service.
Oil: Brand-Viscosity _____
- ☐ Section II: Engine Testing;
Engine maintenance.
- ☐ Section III: Safety Inspection.

Special Maintenance Work Performed at Extra Cost:

- ☐ Sliding Roof: Clean guide channels and lubricate lightly.
- ☐ Lighting System: Check headlights and aim.
- ☐ Battery: Clean housing and terminals; grease terminals lightly.
- ☐ Paint finish and chrome care.
- ☐ Clean Engine and Engine Compartment: lubricate all control linkages.

Special Instructions from Customer:

Visual Inspection: Check For Leakage and General Condition.

- | | | | |
|---------------------------------------|--|---|---|
| <input type="checkbox"/> Engine | <input type="checkbox"/> Rear Axle | <input type="checkbox"/> Front Axle | <input type="checkbox"/> Undercarriage |
| <input type="checkbox"/> Steering | <input type="checkbox"/> Brakes | <input type="checkbox"/> Tires | <input type="checkbox"/> Body Condition |
| <input type="checkbox"/> Transmission | <input type="checkbox"/> Shock Absorbers | <input type="checkbox"/> Exhaust System | |

Result: _____

Section I: Lubrication Service with Oil Filter Change

240D-300D-300CD-
300TD-300SD
280E-280CE
280 SE
450-All
6.9

Oil Change

- ☐ ☐ ☐ ☐ 151 Engine oil with filter change.

Inspection for Leaks and Condition

- ☐ ☐ ☐ ☐ 038 Heating & cooling system.

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- ☐ ☐ ☐ ☐ 041 Fuel hoses and pipes.
- ☐ 045 Clutch operating mechanism (240 D only).
- ☐ ☐ 086 Hydropneumatic springs.
- ☐ 085 Level control (300TD only).

(continued)

Section I: Lubrication Service with Oil Filter Change

240D-300D-300CD-
300TD-300SD
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Check Fluid Level and Replenish

(Check for leakage).

- | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 120 Automatic transmission. |
| <input type="checkbox"/> | | | | | 121 Manual transmission (240 D only). |
| | | | <input type="checkbox"/> | | 139 Hydropneumatic suspension. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 130 Rear axle. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 134 Power steering. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 465 Windshield washer system. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 484 Air conditioning. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 700 Brake system. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 821 Battery. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 990 Radiator. |
| <input type="checkbox"/> | | | | | Lubricate 300TD Rear door hinges and bearings for Gas pressure springs with oil can. |

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Body and Chassis Lubrication

- | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 350 Door hinges. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 393 Door locks and hinges. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 395 Hood. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 375 Outside rear view mirror. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 415 Engine control linkages, control |
| | | | | | 813 shafts and cables (not required on control shafts with plastic bearings). |
- Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.

Section II: Electronic Engine Test and Engine Maintenance

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Mechanical

- | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | 753 Adjust valve clearances. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 202 Clean Filter element; replace every 37,500 miles. |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 762 Clean flame arrester. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 757 Check all drive belt tension and condition. |
| | | | | | 785 Exhaust manifold heater flap. Check for free movement and free up as required. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 770 Replace spark plugs. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 772 Check ignition timing and ignition change-over. |

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- | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | | | | | 787 Check start of delivery.* |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 813 Throttle control linkage: check for ease of movement. |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 832 Analyze engine with oscilloscope. |
| <input type="checkbox"/> | | | | | 797 Check and adjust manual idle speed adjuster. |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 798 Check and adjust basic idle speed plus CO emission for gasoline engines. |
| <input type="checkbox"/> | | | | | 895 Check alternator fastening bolt for tightness. |

*Once only after 12,500 miles

Section III: Safety Check

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- ☐ ☐ ☐ ☐ ☐ 025 Steering system: check play at steering wheel, in shaft coupling and in ball joints of tie rods and drag link. Check rubber boots for leak tightness.
- ☐ ☐ ☐ ☐ ☐ 983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
- ☐ ☐ ☐ ☐ ☐ 982 Tires: check tire tread wear and other tire damage.
- ☐ ☐ ☐ ☐ ☐ 987 Correct tire air pressure.
- ☐ ☐ ☐ ☐ ☐ 712 Check disc brakes (includes items 703, 707, 708, 709.) Measure brake disc thickness. Brake calipers: check for leaks and free movement of pistons (703). Brake pads: remove, clean, check, replace if required (707). Brake discs: check condition, clean cooling fins (708). Brake discs (solid): check condition, clean (709).
- ☐ ☐ ☐ ☐ ☐ 009 Parking brake: check brake cable action.
- ☐ ☐ ☐ ☐ ☐ 706 Parking brake: re-adjust.
- ☐ ☐ ☐ ☐ ☐ 028 Front axle ball joints: check for developed play and rubber boots for leak tightness.

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- ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐

Retightening of Nuts, Bolts, and Retaining Parts

- 924 Steering gear mounting screws (3).
- 988 Wheel bolts.
- 099 Check function of:
- _____ Headlights, rear lights and stop lights.
 - _____ Directional signals: Hazard warning lights.
 - _____ Windshield wipers, windshield washer.
 - _____ Heating and ventilation.

- ☐ ☐ ☐ ☐ ☐

- 098 Road test or dynamometer
- _____ Clutch.
 - _____ Manual transmission.
 - _____ Automatic transmission.
 - _____ Air conditioner.

- ☐ ☐ ☐ ☐ ☐

- 097 Brake test on test stand/road.

- ☐ 020 Check boots and seals on hydropneumatic springs.

▼ Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

Maintenance

Additional Maintenance Work to be Performed Every 37,500 Miles

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- ☐ ☐ ☐ ☐ ☐ **Oil Change**
- 170 Automatic transmission oil change.
- ☐ ☐ ☐ ☐ ☐ **Filter Replacement or Cleaning**
- 174 Automatic transmission: replace filter element.
- ☐ ☐ ☐ ☐ ☐ 202 Air filter element: replace.
- ☐ ☐ ☐ ☐ ☐ 847 Fuel filter: replace filter
- ☐ ☐ ☐ ☐ ☐ 845 Fuel main filter: Replace filter element and filter housing.

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6.9

- ☐
☐ ☐ ☐ ☐ ☐

- 844 Fuel pre-filter: check
- 813 Check throttle control linkage.

Lubrication

- ☐ ☐ ☐ ☐ ☐

- 388 Front wheel grease caps: clean and refill with new grease.
- ☐ 631 Repack front wheel bearings; check roller bearings.

(continued)

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**Maintenance: Additional Maintenance Work to be Performed
Every 37,500 Miles:**

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		

Tightening of Nuts and Bolts

- 871 Intake and exhaust manifold nuts and exhaust flange bolts.
- Exhaust pipe flange only.
- 876 Carburetor mounting flange screws.

<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>		

Checking

- 501 Check clutch lining thickness (manual transmission only). (240 D only).
- 625 Check front wheel toe-in.
- 030 Check propeller shaft joint discs for wear or damage.
- 628 Check pressure reservoirs of hydropneumatic springs.
- 767 Replace catalyst, Engine M110 at 37,500 miles (California version only) and sometime after 50,000 miles, if required.

Date _____

Service Manager (Signature) _____